

## ABSTRACT OF THE DISCLOSURE

Polymer electrolyte for an electrochemical generator based on at least a four branched polymer, at least a poly(vinylidene fluoride), a poly(vinylidene fluoro-co-hexafluoropropene copolymer), a poly(tetrafluoroethylene), a poly(ethylene-co-propylene-co-5-methylene-2-norbornene) or an ethylene propylene-diene copolymer, a polyol, a poly(methylmethacrylate, a poly(acrylonitrile),  $\text{SiO}_2\text{Al}_2\text{O}_3$ , or nano  $\text{TiO}_2$  non coated or coated with an organic material. This electrolyte allows to prepare electrolytic compositions that can be used in high performance electrochemical devices.